REQUISITION FOR PURCHASE ORDER

ROCKDALE COUNTY, GEORGIA

EXTENDED 0.0 VENDOR #3 UNIT Date Prepared: 08/04/16 Approved for preparation of Purchase Order 15,000.000 and OVER - FORMAL BID/RFP PROCEDURE IS REQUIRED 16 DO LECULARIMAND TO 2499.99 - THREE WRITTEN QUOTES ATTACHED Date Required: EXTENDED 0.00 0.00 0.00 0.00 0.00 0.00 0.00 **VENDOR #2** UNIT EXTENDED RWR - ADMIN (Wastewater) 40,000.00 EXCEEL 0.00 0.00 0.00 0.00 0.00 0.00 0.00 NOT 70 **VENDOR #1** SE Pump Specialist 40,000.00 Disassembly and diagnosis ITO Form to Jallon Requesting Department: Elected Official Department Head: TOTAL - NOT A SOLE SOURCE Email to Depart: tiffany.shepard@rockdalecountyga.gov Sludge Holding Blower 2 - Major Overhaul / Rehab

NOT TO EXCEED PHONE: (706) 772-2030 ر وکری ر 2440 Tatum Road, Conyers, GA 30012 JE Pumo Specialist **Estimated Freight** Email to Vendor: P.O.# (If not low quotation, indicate reason): Unit ea Jurchasing Officer Use Only Below Line (Danning ecommended Source of Supply: VENDOR # Ship To Address: Department/Account Augusta, GA 30906 CONTACT: Cust Sve Award to be made to: SE Pump Specialist 3317 Perkins Road

REQUISITION FORM Revised 7/08/2015

Date

Accounting Officer

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ESG Operations, Inc. 2440 Tatum Road Conyers, GA 30013 Ph: 770-278-7510 Fax: 770-918-6576

CAPITAL EXPENDITURE REQUEST ESG OPERATIONS - ROCKDALE COUNTY

Request Number:	RWR 2016/06-017				
Date of Request:	June 16, 2016				
Requested of:	ROCKDALE WATER RESOURCES				
Requested by:	ESG OPERATIONS, INC				
Capital Item Requested:	Sludge Holding Blower 2 - Major Overhaul/Rehab				
Cost of Capital Item:	\$40,000.00				
Facility/Location:	Quigg Branch WPCP				
Benefit of Capital Item:	Existing sludge holding tank blower/mixing system includes 2 - 250 Hp rotary lobe podisplacement blowers. One blower is needed to provide redundancy. The overall operational efficiency of the biosolids dewatering system and the associated \$500,00 annual expenditures rely on the ability to properly manage and condition the biosolids to dewatering.				
Alternatives Considered:	Replacement of blower is not cost effective. Very few vendors provide such repair services for large Hp lobe blowers. ESG had 2 different companies on-site to inspect the blower but only one vendor appeared to be fully qualified to complete the takedown, diagnosys and repair of a very complicated large Hp blower. Estimate (attached) is budgetary and nothing firm will be known until the blower is disassembled. We recommended raising the approval cost ceiling for this CIP.				
RWR PO or Rebatable?	RWR Po: Yes Rebatable Account:				
Capitalize Expenditure:	Yes No				
Years Service Life Extended:	10				
Percent of New Unit:	25%				

APPROVALS	FOR ESG	FIQR ROCKDALE WATER	
Signature	Ele Mele	Want Weeks	
Name	Ed Biskis, P.E.	Dwight Wicks	
Title	Project Manager, ESG Operations, Inc.	Directo Rockdale Water Resources	
Date	6/16/16	6/6/2016	

Definitions:

O&M Repair: Does not extend the service life or is part of routine maintenance.

Capital Improvement: a. Extends the service life of the unit.

- b. Repair cost is at least 25% of the replacement cost of a new unit.
- c. Cost exceeds \$5,000.



3317 Perkins Road Augusta, GA 30906 Phone: 706-772-2030

Fax: 706-772-2037

To:

Richard Porter

ESG

Conyers, GA

Reference: GD Blower M# GZKCCEEA

Quotation Number: KE20160526

P.O. Number: N/A

N/A N/A

Equip. Number:

Job Number: N/A

We Are Pleased To Provide The Following BUDGETARY Repair Service:

Upon inspection, we are pleased to offer the following work scope and quotation for the above referenced pump. Our work scope consists of the following:

Serial #S278143

- 1) Disassembly of blower completely.
- 2) Inspect and record critical dimensions.
- 3) Clean and blast parts for reuse.
- 4) Replace the following REPAIR KIT parts:
- a. Bearings
- b. Nuts, Lock
- c. Gaskets, Flange
- d. Shim Set
- e. Seals, Lip
- f. Sleeves
- g. Washers
- h. Seal Rings
- i. Springs
- i. Spacers
- k. Gaskets, Cover
- 5) Clean Up Tips
- 6) Assemble pump with new parts & fasteners as needed.
- 7) Paint and prep for shipment.

FREIGHT NOT INCLUDED

Budgetary Repair:

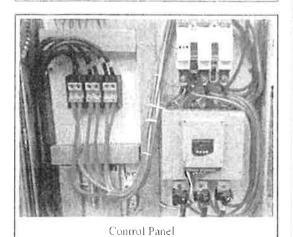
\$29,000.00 - \$33,000.00

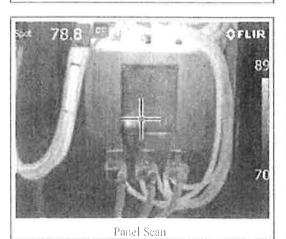
PLEASE NOTE: After inspection, should any additional parts or machine work be required for repair, a revised quote will be submitted for approval before any work is done.

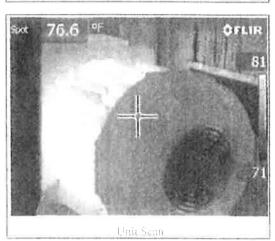


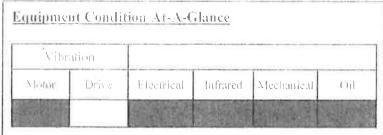
Rockdale County Quigg Branch WWTP

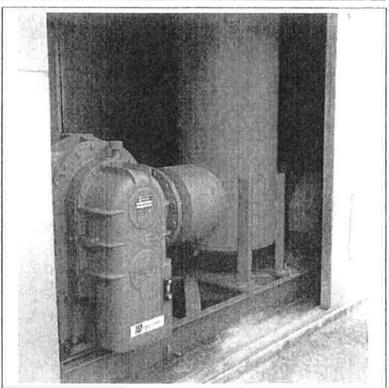
SHT Blower 2 250 HP











ELECTRICAL REFERENCE

ONLINE

OFFLINE

	AMPS	VOLTS*LO GROUND	Insulation	Phase Augle	Current Trequency
11	193.3	583	3: Qu	0.7	31)
13	151.4	28.7	(91	103	28.
13	185 [583	- 99	62	38

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